



COPY OF PAPERS  
ORIGINALLY FILED

LEE56.001AUS

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants	:	Ryoo, et al.	)
			)
App. No.	:	10/004,350	)
			)
Filed	:	October 25, 2001	)
			)
For	:	CARBON MOLECULAR SIEVE	)
		AND PROCESS FOR PREPARING	)
		THE SAME	)
			)
Examiner	:	Unknown	)

**ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION**  
**AND**  
**REVOCATION AND POWER OF ATTORNEY**

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventors to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventors to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true; and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949)

App. No. : 10/004,350  
Filed : October 25, 2001

760-0404, Customer No. 20,995, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

**KOREA ADVANCED  
INSTITUTE OF  
SCIENCE AND TECHNOLOGY**

Date: April 20, 2002

Signature: Chang Sun Hong

Name: HONG, Chang-Sun

Title: Representative

Address: 373-1 Kusong-dong, Yusong-gu  
Taejon 305-701, Republic of Korea

Application No.: 10/004,350  
Filing Date: October 25, 2001

PATENT  
Client Code: HYLEE56.001AUS  
Page 1

### ASSIGNMENT

WHEREAS, we, the undersigned, have invented certain new and useful improvements in a **CARBON MOLECULAR SIEVE AND PROCESS FOR PREPARING THE SAME**, for which we have filed an application for Letter Patent in the United States as Application No. 10/004,350 on October 25, 2001.

AND WHEREAS, KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, (hereinafter "ASSIGNEE"), with its principal place of business at 373-1, Kusong-dong, Yusong-gu, Taejon 305-701, Republic of Korea, desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, in light of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Date:

April 19 2002

Signature:

Ryoo Ryong


Name: RYOO, Ryong

Address: 103-1304 Samsung Hanwool Apartment  
Shinsung-dong, Yusong-gu  
Taejon 305-707, Republic of Korea

Application No.: 10/004,350  
Filing Date: October 25, 2001

**PATENT**  
Client Code: HYLEE56.001AUS  
Page 2


Date: April 19, 2002

Signature: 

Name: JOO, Sang Hoon

Address: 101-1003 Dongmoon Apartment,  
Beon 3-dong, Kangbook-gu, Seoul  
142-769, Republic of Korea

Date: Apr. 1. 19, 2002

Signature: 

Name: CHOI, Seong Jae

Address: 602-5, Mok 3-dong, Yangcheon-gu,  
Seoul 158-811, Republic of Korea

**DO NOT RECORD**